

Garant
GARANT Master Alu solid carbide torus cutter HPC, DLC, Ø h6 DC / RS1: 12/1,0 mm

Order data

Order number	206264 12/1,0
GTIN	4062406398651
Item class	11X

Description
Version:

Eccentric relief ground, additionally polish ground in the flutes for outstanding chip evacuation in long-chipping non-ferrous materials.

Very high feed rates when plunging vertically. Ramping capability up to 45°.

Tolerances:

· Corner radius

RS₁ = 0.5 tolerance ±0.02.

RS₁ > 0.5 – 1.5 tolerance ±0.03.

RS₁ > 1.5 tolerance ±0.05.

Application:

Particularly suitable for finishing work.

No. of teeth Z: 4

Shank: DIN 6535 HA to h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 4

Flute length L_c: 49 mm

Corner radius R₁: 1 mm

Overhang length L₁ incl. recess: 60 mm

Recess Ø D₁: 11 mm

Overall length L: 100 mm

Technical description

No. of teeth Z	4
Recess Ø D ₁	11 mm

Shank $\varnothing D_s$	12 mm
Flute length L_c	49 mm
Overall length L	100 mm
Overhang length L_1 incl. recess	60 mm
Feed f_z for side milling in short-chipping aluminium	0.06 mm
Shank	DIN 6535 HA to h6
Cutting edge $\varnothing D_c$	12 mm
Balance quality with shank	G 2.5 with HA
Corner radius R_1	1 mm
Series	GARANT Master Alu
Coating	DLC
Tool material	Solid carbide
Standard	DIN 6527
Type	W
Tolerance nominal $\varnothing$	e8
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Through-coolant	no
Machining strategy	HPC
Colour ring	yellow
Type of product	End mill